

Listing of Claims:

1. (Currently Amended) An admission control method for handling bearer requests in a cellular telecommunications network that supports bearers that are allowed to comprise controllable load components in addition to non-controllable traffic load components, characterized in that it comprises sequentially the method comprising the sequential steps of:

[[-]] testing a bearer request with a first kind of test of a first kind (305, 415) that sets criteria for non-controllable traffic load components in an essentially a similar way for all bearer requests upon an occurrence of the admission control of requests for bearers that are allowed to comprise controllable load components and non-controllable load components [[,]]; and

[[-]] testing said bearer request is tested with a second kind of test of a second kind (310, 405);

wherein said first kind of test of a first kind (310, 405) monitors bearers that present to the network a non-controllable load component which exceeds a predefined threshold, and the admission (315, 420) of said bearer request to the network depends on the results of both said first kind of test of a first kind (305, 415) and said second kind of test of a second kind (310, 405).

2. (Currently Amended) Admission The admission control method according to of claim 1, characterized in that wherein said first kind of test of a first kind (305, 415) is based on statistical properties (110, 115, 120) of bearers.

3. (Currently Amended) Admission The admission control method according to of claim 1, characterized in that in wherein during said second kind of test of a second kind (310, 405) the a number (260, 265) of currently existing high load bearers is compared (270) to a predefined threshold.

4. (Currently Amended) Admission The admission control method according to of claim 1, characterized in that in wherein during said second kind of test of a second kind (310, 405) the a sum of bit rates of currently existing high load bearers and of the a requested bearer is compared to a predefined threshold.

5. (Currently Amended) Admission The admission control method according to of claim 1, characterized in that the wherein an admission criteria of said second kind of test of a first kind (415) are changed (410) according to the results of said second kind of test of a second kind (405).

6. (Currently Amended) Admission The admission control method according to of claim 5, characterized in that wherein an admission threshold of said first kind of test of a first kind (305, 415) is changed by a predefined step, if there is at least one high load bearer exists already.

7. (Currently Amended) Admission The admission control method according to of claim 6, characterized in that an admission threshold of said first kind test of a first kind (305, 415) is changed by a second predefined step for each high load bearer existing already.

8. (Currently Amended) Network A network element (520) for a cellular telecommunications network that supports bearers that are allowed to comprise controllable load components in addition to non-controllable traffic load components, characterized in that the element comprises comprising:

[[-]] means (521, 522, 523) for testing a bearer request according to a based on a first kind of test of a first kind that sets criteria for non-controllable traffic load components in an essentially a similar way for all bearer requests, and for producing a first test result[[,]], said means being adapted to handle requests for bearers that are allowed to comprise controllable and non-controllable load components;

[[-]] means (521, 522, 524) for sequentially testing a bearer request[[,]]
sequentially with said first kind of test of a first kind, according to based on a second kind of test of a second kind that monitors bearers that present to the network a non-controllable load component which exceeds a predefined threshold, and for producing a second test result[[,]]; and

[[-]] means (521, 522, 525) for deciding about whether admission of the bearer should be admitted to the network based on the basis of said first and second test results.

9. (Currently Amended) ~~Network~~ The network element (520) for a cellular telecommunications network ~~according to~~ ~~of~~ claim 8, ~~characterized in that~~ ~~wherein~~ the network element is a radio network controller.